

Converting Colors

$Yxy(71.6208, 0.2951, 0.3278)$

Have a look what the booklet for
Yxy(71.6208, 0.2951, 0.3278)
contains.

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Color

Yxy(71.6208, 0.2951, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C8E1E2
RGB	200, 225, 226
RGB Percent	78%, 88%, 89%
CMY	0.2156, 0.1176, 0.1136
CMYK	0.12, 0.00, 0.00, 0.11
HSL	182°, 31%, 84%
HSV	182°, 12%, 89%
XYZ	64.4762, 71.6208, 82.3923
YIQ	217.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

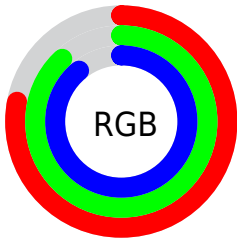
Format	Color
R _Y B	200, 213, 226
Decimal	13165026
CIE Lab	87.79, -8.02, -3.31
CIE LCh	88, 8.679, 202.426
Yxy	71.6208, 0.2951, 0.3278
Android (android.graphics.Color)	4291355106 (0xFFC8E1E2)
YUV	217.6390, 4.1220, -15.4694
Hunter-Lab	84.6291, -12.1074, 1.5174

Details

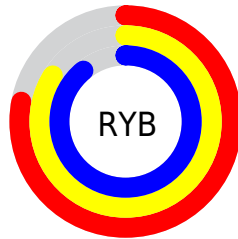
The Yxy color **71.6208, 0.2951, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1316, 0.3332, 0.3302**, and the grayscale version is **69.8321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8007, 0.2909, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **68.2593, 0.2806, 0.3267**, and if you desaturate by 10%, it is **75.4508, 0.3104, 0.3289**.

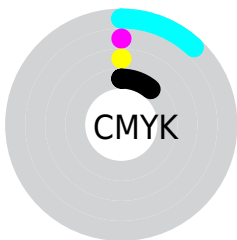
Distribution



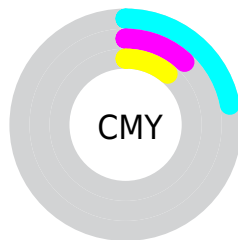
- Red (78%)
- Green (88%)
- Blue (89%)



- Red (78%)
- Yellow (84%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6208, 0.2951, 0.3278 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.6208, 0.2951, 0.3278 by changing the saturation by 10% instead.

71.6208, 0.2951,
0.3278

71.6208, 0.2951,
0.3278

466.2207, 0.3032,
0.3284

52.8490, 0.2932,
0.3276

121.5173, 0.2979,
0.3280

37.6822, 0.2909,
0.3274

153.4107, 0.2990,
0.3281

25.7361, 0.2880,
0.3272

190.4467, 0.3000,
0.3282

16.6264, 0.2842,
0.3268

233.0099, 0.3008,
0.3282

9.9684, 0.2790,
0.3263

281.4844, 0.3015,
0.3283

5.3780, 0.2715,
0.3254

336.2548, 0.3022,

2.4707, 0.2597,

0.3283

397.7054, 0.3027,
0.3284

0.3239

0.8619, 0.2335,
0.3228

0.0000, 0.0000,
0.0000

71.6208, 0.2951,
0.3278

71.6208, 0.2951,
0.3278

68.2593, 0.2806,
0.3267

75.4508, 0.3104,
0.3289

65.3372, 0.2673,
0.3255

79.7593, 0.3261,
0.3298

62.8360, 0.2553,
0.3242

82.0543, 0.3330,
0.3307

60.7321, 0.2450,
0.3229

82.5432, 0.3329,
0.3316

■ 58.9999, 0.2366,
0.3216

■ 83.0345, 0.3328,
0.3325

■ 57.6107, 0.2300,
0.3202

■ 83.5284, 0.3327,
0.3333

■ 56.5313, 0.2254,
0.3189

■ 84.0247, 0.3326,
0.3342

■ 55.7224, 0.2226,
0.3176

■ 84.5236, 0.3324,
0.3351

■ 55.1920, 0.2213,
0.3165

■ 85.0250, 0.3323,
0.3360

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6208, 0.3024, 0.3373



71.6208, 0.2951, 0.3278



71.6208, 0.2924, 0.3188

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6208, 0.2951, 0.3278



71.6208, 0.3126, 0.3141



71.6208, 0.3306, 0.3452

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.6208, 0.2951, 0.3278



62.1316, 0.3332, 0.3302

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6208, 0.3335, 0.3387



71.6208, 0.2951, 0.3278



71.6208, 0.3229, 0.3209

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6208, 0.2951, 0.3278



71.6208, 0.3024, 0.3112



71.6208, 0.3306, 0.3298



71.6208, 0.3229, 0.3474

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6208, 0.2951, 0.3278



71.6208, 0.2936, 0.3144



71.6208, 0.3306, 0.3298



71.6208, 0.3322, 0.3434

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.6238, 0.2951, 0.3278



98.3863, 0.3080, 0.3287



70.8970, 0.3108, 0.3579



20.9685, 0.3068, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6238, 0.2951, 0.3278



92.9552, 0.2913, 0.3275



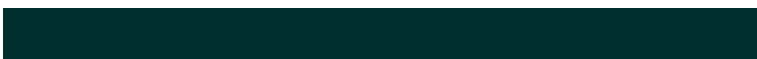
64.9349, 0.2948, 0.3132



15.4751, 0.2982, 0.3280



31.5228, 0.2213, 0.3167



2.2141, 0.2219, 0.3187

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.9223, 0.3148, 0.3018



79.2097, 0.3153, 0.2956



68.3773, 0.3314, 0.3443



13.9259, 0.3144, 0.3068



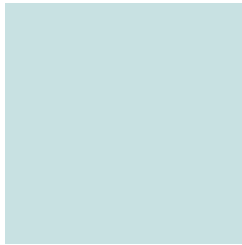
12.0903, 0.3309, 0.1597



0.8410, 0.3293, 0.1588

Previews

White Background



This preview shows how the Yxy color 71.6208, 0.2951, 0.3278 looks on a white background.

Color Contrast Check

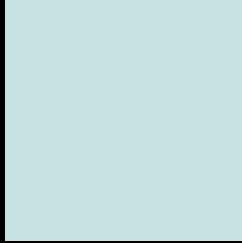
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.6208, 0.2951, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

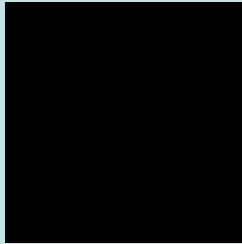
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

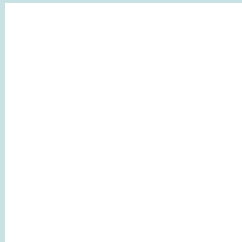
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6208, 0.2951, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 71.6208, 0.2951, 0.3278.

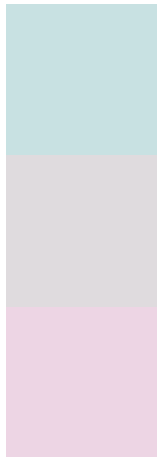


This preview shows how white text looks on a background with the Yxy color 71.6208, 0.2951, 0.3278.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.6208, 0.2951, 0.3278

Protanopia

71.6249, 0.3136, 0.3258

Deuteranopia

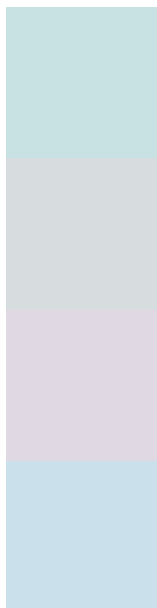
71.1945, 0.3200, 0.3133



Tritanopia

71.7631, 0.2886, 0.3103

Trichromacy



Original Color

71.6208, 0.2951, 0.3278

Protanomaly

71.4877, 0.3072, 0.3268

Deuteranomaly

71.0191, 0.3111, 0.3182

Tritanomaly

71.8660, 0.2910, 0.3168

Monochromacy



Original Color

71.6208, 0.2951, 0.3278

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7822, 0.3057, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6208, 0.2951, 0.3278 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 225, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.6208, 0.2951, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 225, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 225, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 225, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 225, 226); box-shadow:4px 4px 4px 4px rgb(200, 225, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6208, 0.2951, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 225, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
225, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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